Page 1 of 6 #2 03-69-01 OIPE

RAW SEQUENCE LISTING

3 <110> APPLICANT: BAYLEY, HAGAN P.

DATE: 02/28/2001

PATENT APPLICATION: US/09/781,697 TIME: 16:04:15

Input Set : A:\4210.001200.ST25.txt Output Set: N:\CRF3\02282001\I781697.raw

```
MOVILEANU, LIVIU
             HOWORKA, STEFAN G.
      7 <120> TITLE OF INVENTION: BIOSENSOR COMPOSITIONS AND METHODS OF USE
      9 <130> FILE REFERENCE: 4210.001200
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/781,697
    12 <141> CURRENT FILING DATE: 2001-02-12
                                                                     ENTERED
    14 <150> PRIOR APPLICATION NUMBER: US 60/182,097
     15 <151> PRIOR FILING DATE: 2000-02-11
     17 <160> NUMBER OF SEQ ID NOS: 14
     19 <170> SOFTWARE: PatentIn version 3.0
     21 <210> SEQ ID NO: 1
     22 <211> LENGTH: 8
     23 <212> TYPE: DNA
     24 <213> ORGANISM: UNKNOWN
     26 <220> FEATURE:
     27 <221> NAME/KEY: misc_feature
     28 <222> LOCATION: ()..()
     29 <223> OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
     32 <400> SEQUENCE: 1
     33 cattcacc
     36 <210> SEQ ID NO: 2
     37 <211> LENGTH: 8
     38 <212> TYPE: DNA
     39 <213> ORGANISM: UNKNOWN
     41 <220> FEATURE:
     42 <221> NAME/KEY: misc_feature
     43 <222> LOCATION: ()..()
 44 <223> OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
     47 <400> SEQUENCE: 2
     48 ggtgaatg
     51 <210> SEQ ID NO: 3
     52 <211> LENGTH: 8
     53 <212> TYPE: DNA
     54 <213> ORGANISM: UNKNOWN
     56 <220> FEATURE:
     57 <221> NAME/KEY: misc_feature
     58 <222> LOCATION: ()..()
     59 <223> OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
     62 <400> SEQUENCE: 3
     63 tgacagat
     66 <210> SEQ ID NO: 4
     67 <211> LENGTH: 30
     68 <212> TYPE: DNA
     69 <213> ORGANISM: UNKNOWN
     71 <220> FEATURE:
     72 <221> NAME/KEY: misc_feature
```

Input Set : A:\4210.001200.ST25.txt Output Set: N:\CRF3\02282001\I781697.raw 73 <222> LOCATION: ()..() 74 <223> OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE 77 <400> SEQUENCE: 4 78 acaaaatcca gacatagtta tctatcaata 30 81 <210> SEQ ID NO: 5 82 <211> LENGTH: 30 83 <212> TYPE: DNA 84 <213> ORGANISM: UNKNOWN 86 <220> FEATURE: 87 <221> NAME/KEY: misc_feature 88 <222> LOCATION: ()..() 89 <223> OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE 92 <400> SEQUENCE: 5 93 acaaaatcca gacatagtta tctgtcaata 30 96 <210> SEQ'ID NO: 6 97 <211> LENGTH: 9 98 <212> TYPE: DNA 99 <213> ORGANISM: UNKNOWN 101 <220> FEATURE: 102 <221> NAME/KEY: misc_feature 103 <222> LOCATION: ()..() 104 <223> OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE 107 <220> FEATURE: 108 <221> NAME/KEY: misc_feature 109 <222> LOCATION: (1)..(9) 110 <223> OTHER INFORMATION: N=C, G, A, or T 113 <400> SEQUENCE: 6 W--> 114 gcattcnnn 117 <210> SEQ ID NO: 7 118 <211> LENGTH: 7 119 <212> TYPE: DNA 120 <213> ORGANISM: UNKNOWN 122 <220> FEATURE: 123 <221> NAME/KEY: misc_feature 124 <222> LOCATION: ()..() 125 <223> OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE 128 <220> FEATURE: 129 <221> NAME/KEY: misc_feature 130 <222> LOCATION: (1)..(7) 131 <223> OTHER INFORMATION: N=C, G, A, or T 134 <400> SEQUENCE: 7 W--> 135 ngaatgc 138 <210> SEQ ID NO: 8 139 <211> LENGTH: 7 140 <212> TYPE: DNA 141 <213> ORGANISM: UNKNOWN 143 <220> FEATURE: 144 <221> NAME/KEY: misc_feature

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/781,697

DATE: 02/28/2001

TIME: 16:04:15

145 <222> LOCATION: ()..()

RAW SEQUENCE LISTING DATE: 02/28/2001 PATENT APPLICATION: US/09/781,697 TIME: 16:04:15

Input Set : A:\4210.001200.ST25.txt
Output Set: N:\CRF3\02282001\I781697.raw

```
146 <223> OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
     149 <220> FEATURE:
     150 <221> NAME/KEY: misc_feature
     151 <222> LOCATION: (1)..(7)
     152 <223> OTHER INFORMATION: N=C, G, A, or T
     155 <400> SEQUENCE: 8
W--> 156 ntgaatg
     159 <210> SEQ ID NO: 9
     160 <211> LENGTH: 7
     161 <212> TYPE: DNA
     162 <213> ORGANISM: UNKNOWN
     164 <220> FEATURE:
     165 <221> NAME/KEY: misc_feature
     166 <222> LOCATION: ()..()
     167 <223> OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
     170 <220> FEATURE:
     171 <221> NAME/KEY: misc_feature
     172 <222> LOCATION: (1)..(7)
     173 <223> OTHER INFORMATION: N=C, G, A, or T
     176 <400> SEQUENCE: 9
                                                                                  7
W--> 177 ngtgaat
     180 <210> SEQ ID NO: 10
     181 <211> LENGTH: 7
     182 <212> TYPE: DNA
     183 <213> ORGANISM: UNKNOWN
     185 <220> FEATURE:
     186 <221> NAME/KEY: misc_feature
     187 <222> LOCATION: ()..()
     188 <223> OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
     191 <400> SEQUENCE: 10
                                                                                  7
     192 attcacc
     195 <210> SEQ ID NO: 11
     196 <211> LENGTH: 7
     197 <212> TYPE: DNA
     198 <213> ORGANISM: UNKNOWN
     200 <220> FEATURE:
     201 <221> NAME/KEY: misc_feature
     202 <222> LOCATION: ()..()
     203 <223> OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
     206 <220> FEATURE:
     207 <221> NAME/KEY: misc_feature
     208 <222> LOCATION: (1)..(7)
     209 <223> OTHER INFORMATION: N=C, G, A, or T
     212 <400> SEQUENCE: 11
W--> 213 ggtnaat
                                                                                  7
     216 <210> SEQ ID NO: 12
     217 <211> LENGTH: 7
     218 <212> TYPE: DNA
```

219 <213> ORGANISM: UNKNOWN

RAW SEQUENCE LISTING DATE: 02/28/2001 PATENT APPLICATION: US/09/781,697 TIME: 16:04:15

Input Set : A:\4210.001200.ST25.txt
Output Set: N:\CRF3\02282001\I781697.raw

```
221 <220> FEATURE:
     222 <221> NAME/KEY: misc_feature
     223 <222> LOCATION: ()..()
     224 <223> OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
     227 <220> FEATURE:
     228 <221> NAME/KEY: misc_feature
     229 <222> LOCATION: (1)..(7)
     230 <223> OTHER INFORMATION: N=C, G, A, or T
     233 <400> SEQUENCE: 12
W--> 234 ggtgnat
                                                                                  7
     237 <210> SEQ ID NO: 13
     238 <211> LENGTH: 7
     239 <212> TYPE: DNA
     240 <213> ORGANISM: UNKNOWN
     242 <220> FEATURE:
     243 <221> NAME/KEY: misc_feature
     244 <222> LOCATION: ()..()
     245 <223> OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
     248 <220> FEATURE:
     249 <221> NAME/KEY: misc_feature
     250 <222> LOCATION: (1)..(7)
     251 <223> OTHER INFORMATION: N=C, G, A, or T
     254 <400> SEQUENCE: 13
                                                                                  7
W--> 255 cattcan
     258 <210> SEQ ID NO: 14
     259 <211> LENGTH: 8
     260 <212> TYPE: DNA
     261 <213> ORGANISM: UNKNOWN
     263 <220> FEATURE:
     264 <221> NAME/KEY: misc_feature
     265 <222> LOCATION: ()..()
     266 <223> OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
     269 <220> FEATURE:
     270 <221> NAME/KEY: misc_feature
     271 <222> LOCATION: (1)..(8)
     272 <223> OTHER INFORMATION: N=C, G, A, or T
     275 <400> SEQUENCE: 14
W--> 276 gntgaatg
```

VERIFICATION SUMMARY

DATE: 02/28/2001

PATENT APPLICATION: US/09/781,697

TIME: 16:04:16

Input Set : A:\4210.001200.ST25.txt Output Set: N:\CRF3\02282001\1781697.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 L:135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 L:156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 L:213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 L:234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 L:255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 L:276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14